

PASS THROUGH SEAT RESTRAINT TENSION SENSING ASSEMBLY**5 ABSTRACT OF THE DISCLOSURE**

A pass through seat restraint tension sensing assembly for a seat restraint system in a vehicle includes a housing for allowing belt webbing of the seat restraint system to pass therethrough. The pass through seat restraint tension sensing assembly also includes at least one spring disposed in the housing and at least one magnet disposed in the housing. The pass through seat restraint tension sensing assembly includes a Hall effect sensor disposed in the housing and cooperable with the at least one magnet. The pass through seat restraint tension sensing assembly further includes a movable actuator disposed in the housing and cooperable with the belt webbing and the at least one spring to move the at least one magnet relative to the Hall effect sensor to indicate a tension level in the seat restraint system.